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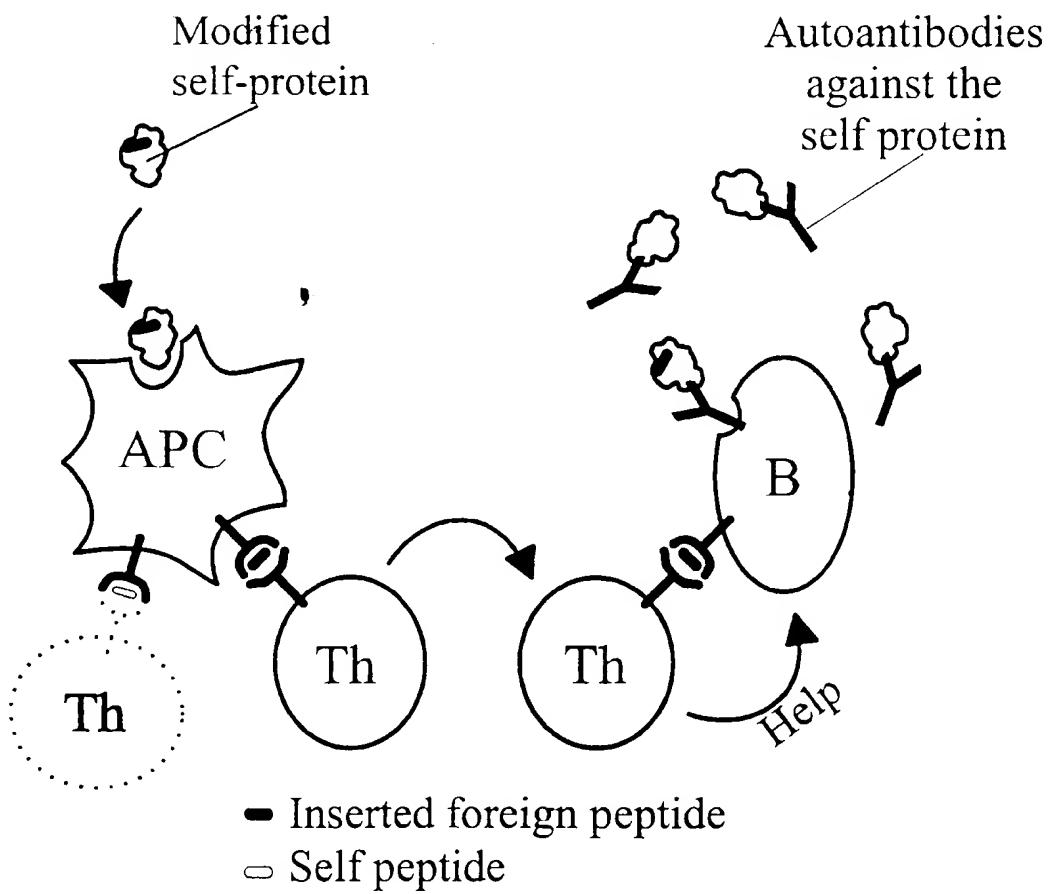


Fig. 1

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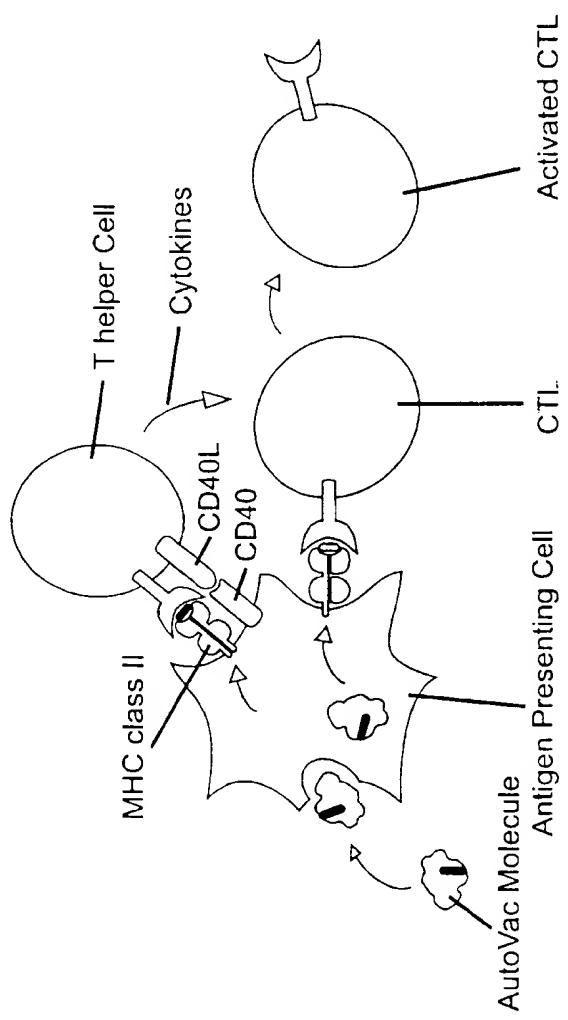


Fig. 2

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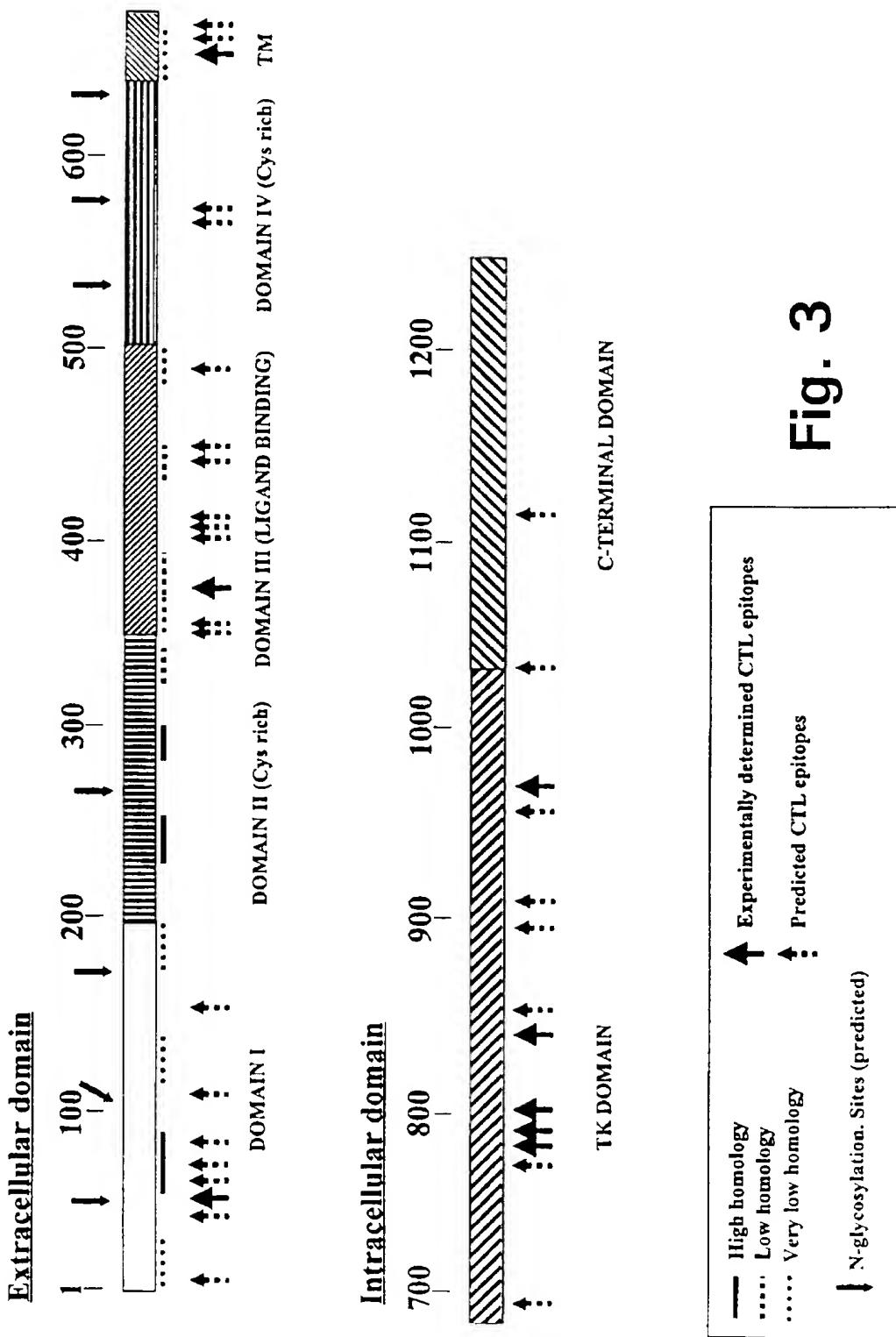


Fig. 3

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**Human PSM constructs
(schematic representation)**

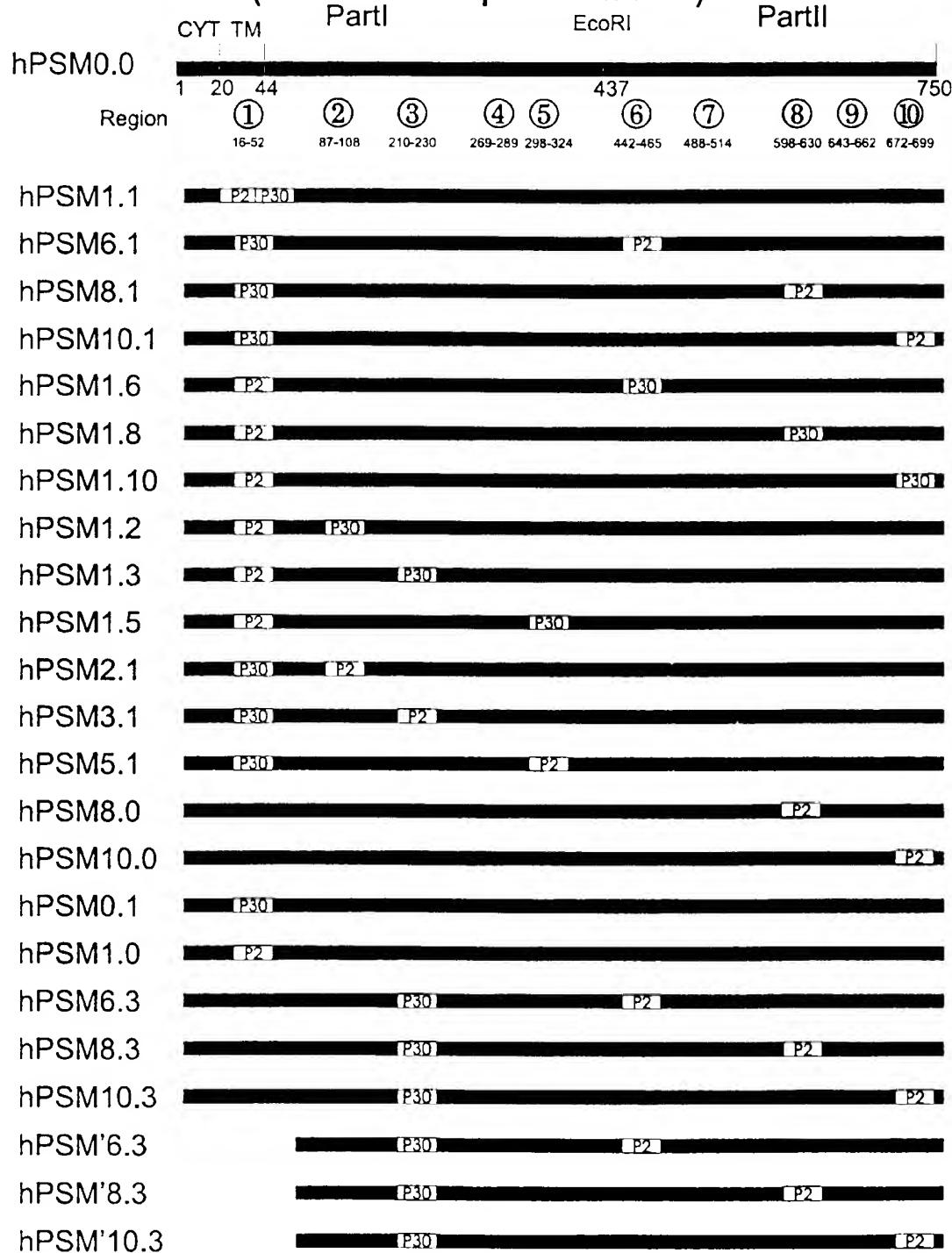


Fig. 4

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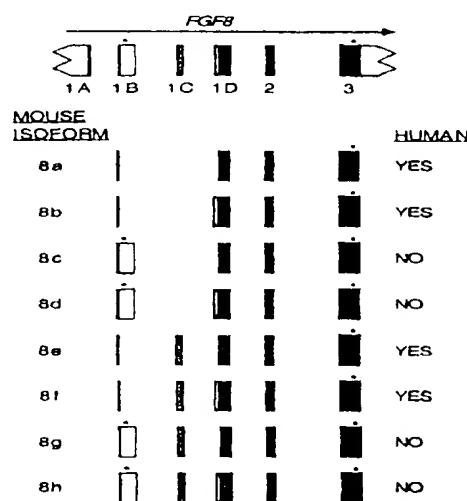


Fig. 5A

FGF8e and -f	FGF8b and -f
MGS P RALSCL LLLHLLVLCL QA <u>QEGPGRGP</u> ALGRELASLF RAGREPQGV <u>S</u> Q QVITVQSSPN	31
FT QHVREQSL VTDQLSRRLLI RTYQLYSRTS GKHVQLANK RINAMAEDGD PFAKLVETD	91
TFGSRVRVRG AET <u>GLYICMN</u> KKGKLIAKSN GKGKD <u>CVFT</u> I <u>VLEN</u> NYTAL QNAKYEGWYM	151
AFTRKGRPRK GSKTRHQRE VHFMKRLPRG HHTTEQSLRF EFLNYPPFTR SLRGSQRTWA	211
PEPR	215

Fig. 5B

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F30N.



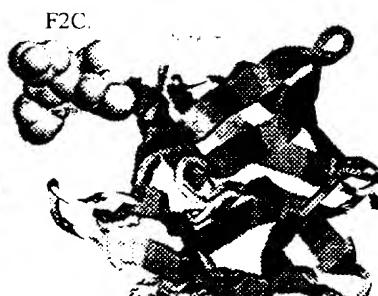
F2I.



F30I.



F2C.



WT	<u>MGS</u> PRSALSCLLIHLLVLCLQAO <u>Q</u> TVQSSPNFTQHVRE <u>Q</u> SLVTDQLSRR <u>I</u> R <u>T</u> YQLYSRTSGKH <u>Q</u>	66
F30N	MAQVT <u>V</u> NN <u>F</u> TV <u>S</u> EWLRVP <u>K</u> V <u>A</u> SH <u>L</u> E <u>R</u> IRTYQLYSRTSGKH <u>Q</u>	46
F2I	MAQVT <u>V</u> QSSPNFTQHVRE <u>Q</u> SLVTDQLSRR <u>I</u> R <u>T</u> YQLYSRTSGKH <u>Q</u>	46
F30I	MAQVT <u>V</u> QSSPNFTQHVRE <u>Q</u> SLVTDQLSRR <u>I</u> R <u>T</u> YQLYSRTSGKH <u>Q</u>	46
F2C	MAQVT <u>V</u> QSSPNFTQHVRE <u>Q</u> SLVTDQLSRR <u>I</u> R <u>T</u> YQLYSRTSGKH <u>Q</u>	46
WT	VLANKRINAMAEDGDPFA <u>K</u> LIVE <u>T</u> DTF	SSRVRVRGAETGLYICMNNKKGKLI <u>A</u> K 119
F30N	VLANKRINAMAEDGDPFA <u>K</u> LIVE <u>T</u> DTF	SSRVRVRGAETGLYICMNNKKGKLI <u>A</u> K 99
F2I	VLANKRINAMAEDGDPFA <u>K</u> LIVE <u>T</u> D <u>Q</u> <u>I</u> K <u>A</u> N <u>S</u> K <u>F</u> <u>I</u> G <u>I</u> T <u>E</u> LSRVRVRGAETGLYICMNNKKGKLI <u>A</u> K 112	SSRVRVRGAETGLYICMNNKKGKLI <u>A</u> K 99
F30I	VLANKRINAMAEDGDPFA <u>K</u> LIVE <u>T</u> DTF	SSRVRVRGAETGLYICMNNKKGKLI <u>A</u> K 99
F2C	VLANKRINAMAEDGDPFA <u>K</u> LIVE <u>T</u> DTF	SSRVRVRGAETGLYICMNNKKGKLI <u>A</u> K 99
WT	SNG	KGKDCVFT <u>E</u> IGLENNY <u>T</u> AL <u>Q</u> AKYEGWYMA <u>F</u> TRKGRPRKGSK <u>T</u> Q 167
F30N	SNG	KGKDCVFT <u>E</u> IGLENNY <u>T</u> AL <u>Q</u> AKYEGWYMA <u>F</u> TRKGRPRKGSK <u>T</u> Q 147
F2I	SNG	KGKDCVFT <u>E</u> IGLENNY <u>T</u> AL <u>Q</u> AKYEGWYMA <u>F</u> TRKGRPRKGSK <u>T</u> Q 160
F30I	<u>S</u> NG <u>F</u> NN <u>F</u> TV <u>S</u> EWLRVP <u>K</u> V <u>A</u> SH <u>L</u> E <u>D</u> C <u>V</u> FT <u>E</u> IGLENNY <u>T</u> AL <u>Q</u> AKYEGWYMA <u>F</u> TRKGRPRKGSK <u>T</u> Q 165	SSRVRVRGAETGLYICMNNKKGKLI <u>A</u> K 147
F2C	SNG	KGKDCVFT <u>E</u> IGLENNY <u>T</u> AL <u>Q</u> AKYEGWYMA <u>F</u> TRKGRPRKGSK <u>T</u> Q 147
WT	HQREVHFMFLPPGHHTTEQS <u>L</u> PF <u>E</u> FLNYPPFT	RSLRG <u>S</u> RTWA PEPP 215
F30N	HQREVHFMFLPPGHHTTEQS <u>L</u> PF <u>E</u> FLNYPPFT	RSLRG <u>S</u> RTWA PEPP 195
F2I	HQREVHFMFLPPGHHTTEQS <u>L</u> PF <u>E</u> FLNYPPFT	RSLRG <u>S</u> RTWA PEPP 208
F30I	HQREVHFMFLPPGHHTTEQS <u>L</u> PF <u>E</u> FLNYPPFT	RSLRG <u>S</u> RTWA PEPP 213
F2C	HQREVHFMFLPPGHHTTEQS <u>L</u> PF <u>E</u> FLNYPPFT <u>Q</u> <u>I</u> K <u>A</u> N <u>S</u> K <u>F</u> <u>I</u> G <u>I</u> T <u>E</u> PEPP 199	SSRVRVRGAETGLYICMNNKKGKLI <u>A</u> K 199

Fig. 6